

Brüche subtrahieren

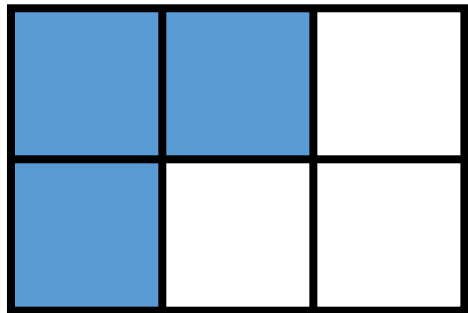
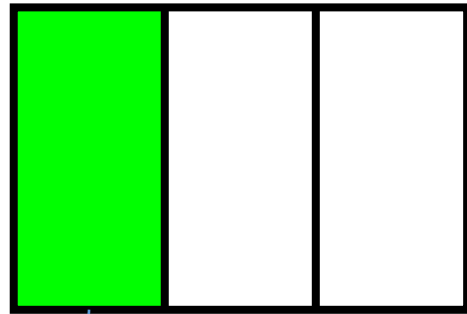
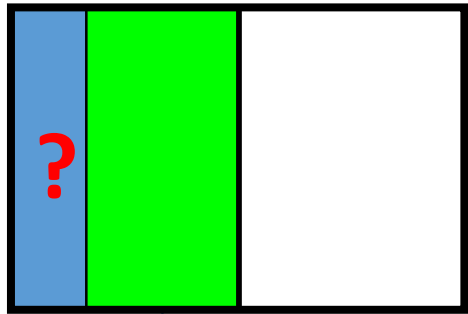
$$\frac{1}{2}$$

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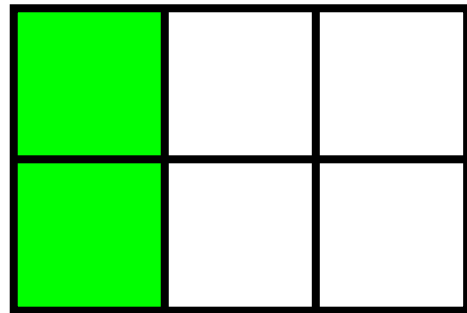
$$\frac{1}{3}$$

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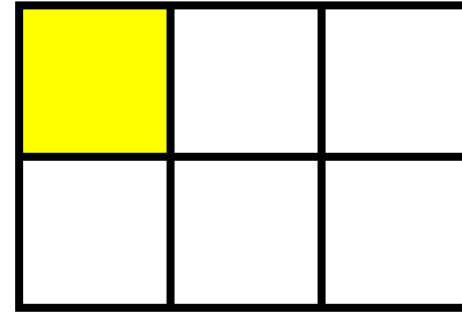
$$\frac{1}{6}$$



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gleiche Bruchteile

Hauptnenner (kgV)

$$kgV(2, 3) = 6$$

Erweitern

$$\frac{1}{2} \stackrel{3}{=} \frac{3}{6} \quad \frac{1}{3} \stackrel{2}{=} \frac{2}{6}$$

Subtrahieren

$$\begin{aligned} \frac{3}{6} - \frac{2}{6} &= \frac{3 - 2}{6} \\ &= \frac{1}{6} \end{aligned}$$

Beispiele

$$\frac{3}{7} - \frac{2}{5} = \frac{1}{35}$$

Hauptnenner (kgV)

$$\text{kgV}(5, 7) = 35$$

Erweitern

$$\frac{3}{7} \stackrel{5}{=} \frac{15}{35} \quad \frac{2}{5} \stackrel{7}{=} \frac{14}{35}$$

Subtrahieren

$$\begin{aligned} \frac{15}{35} - \frac{14}{35} &= \frac{15 - 14}{35} \\ &= \frac{1}{35} \end{aligned}$$

$$\frac{2}{3} - \frac{1}{4} = \frac{5}{12}$$

Hauptnenner (kgV)

$$\text{kgV}(3, 4) = 12$$

Erweitern

$$\frac{2}{3} \stackrel{4}{=} \frac{8}{12} \quad \frac{1}{4} \stackrel{3}{=} \frac{3}{12}$$

Subtrahieren

$$\begin{aligned} \frac{8}{12} - \frac{3}{12} &= \frac{8 - 3}{12} \\ &= \frac{5}{12} \end{aligned}$$